

5929304

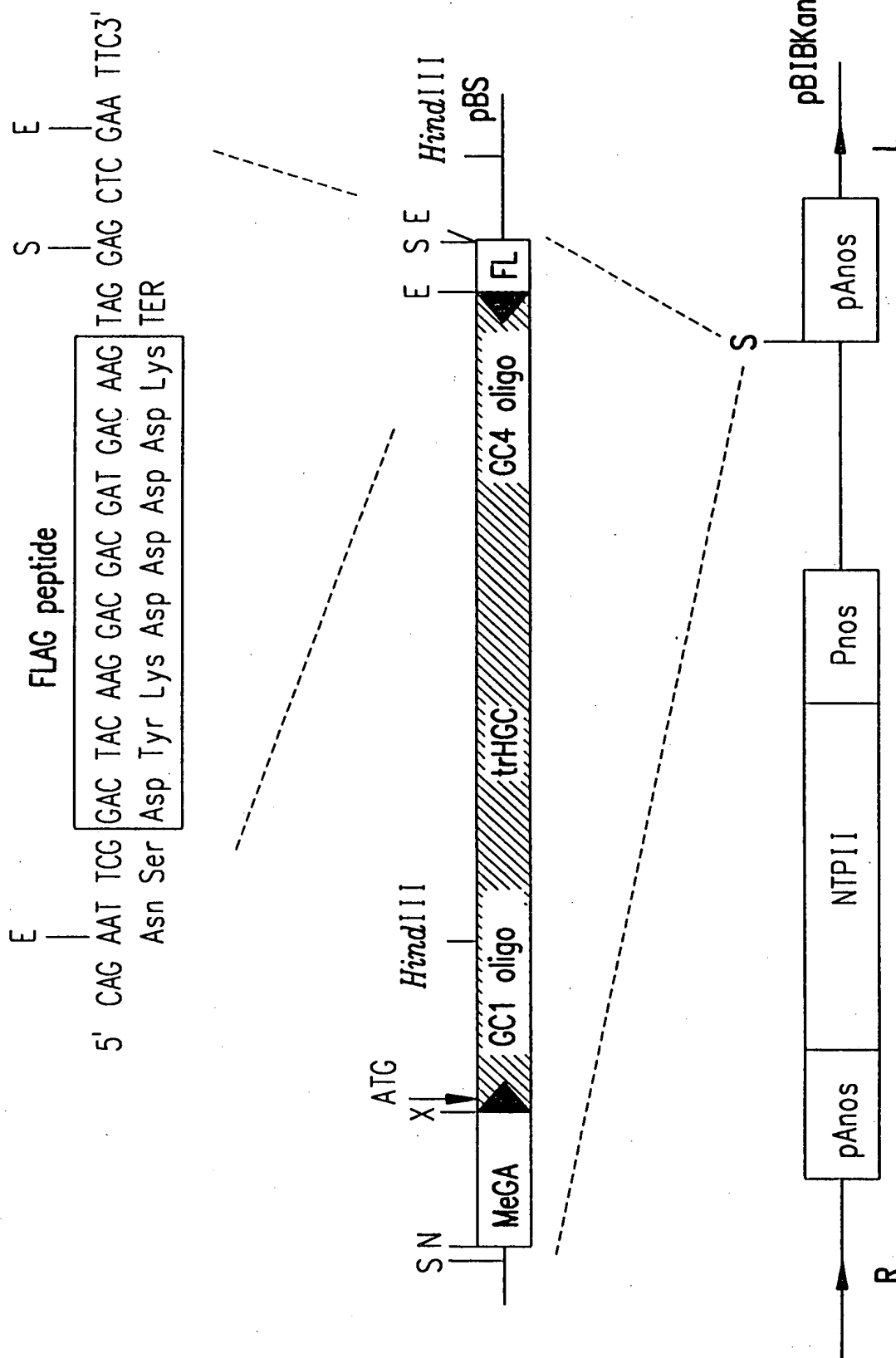


FIG.1

FIG.2A



FIG.2B



FIG.2C



FIG.2D



FIG.2E

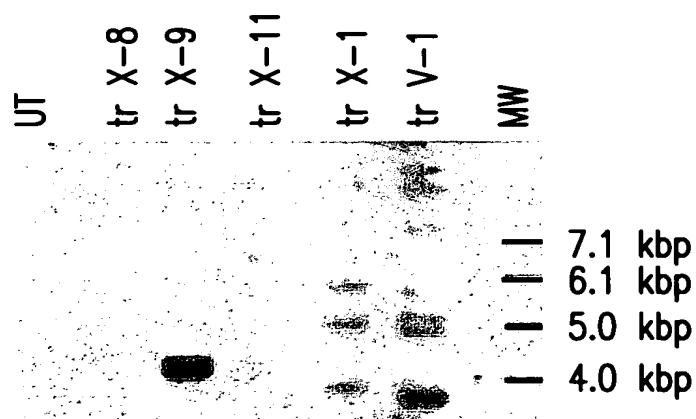


FIG.3

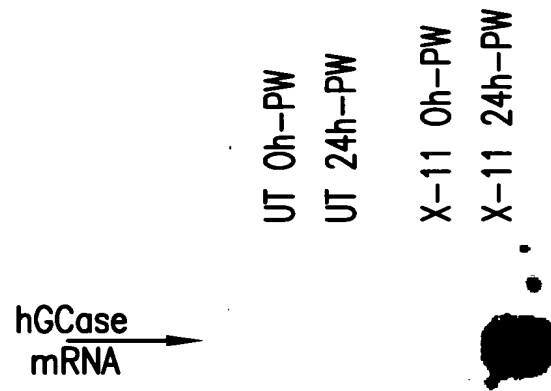
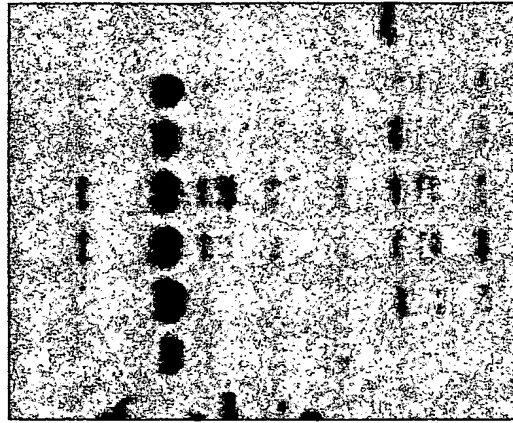


FIG.4

1 2 3 4 5 6 7 8



69 kD →

FIG. 5A

1 2 3 4 5 6 7 8



← 69 kD

FIG. 5B

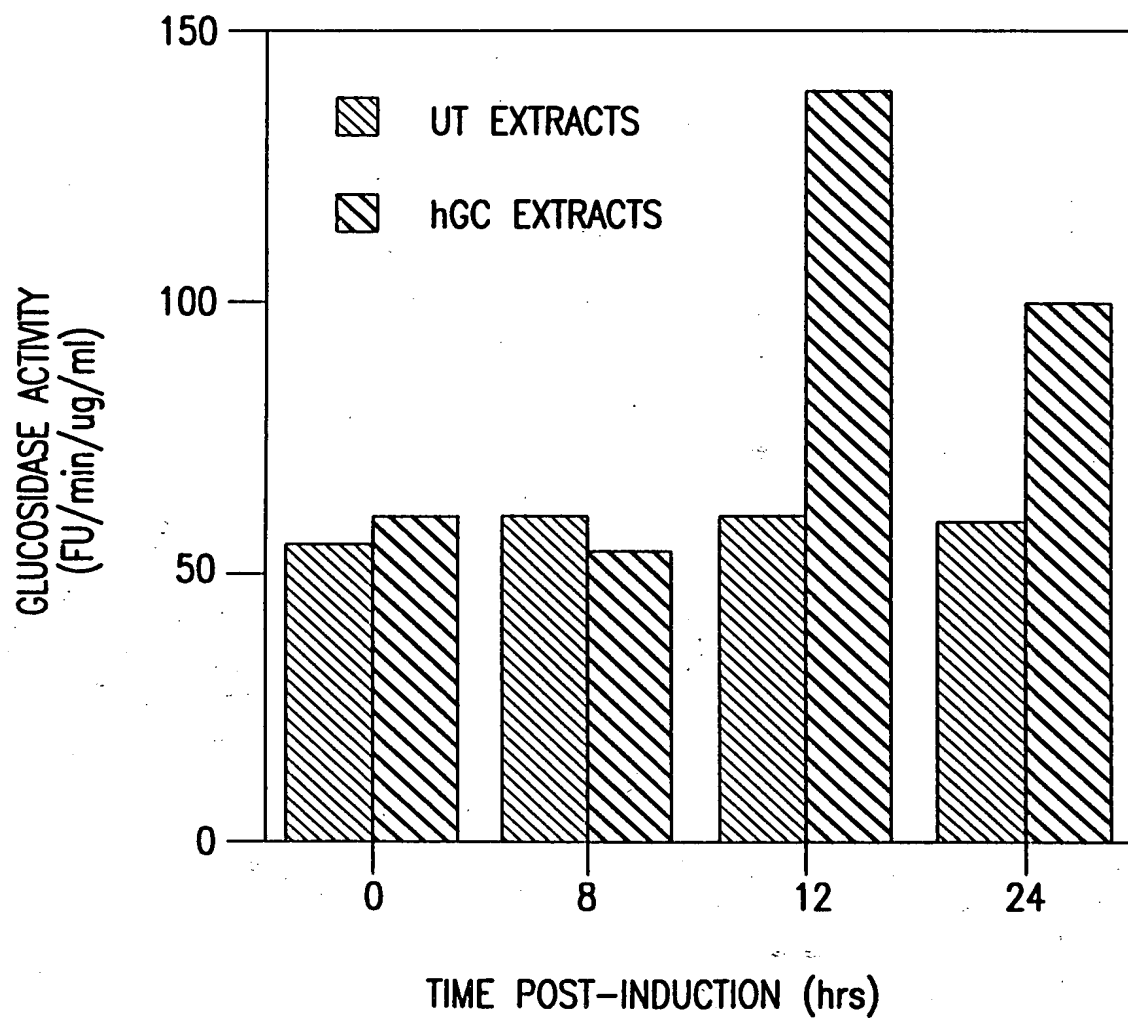


FIG.6

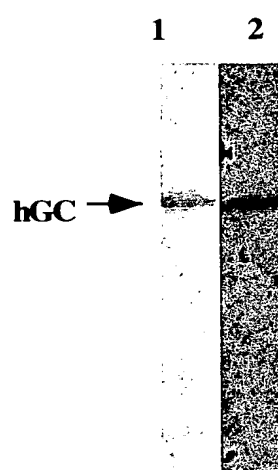


FIG. 7A

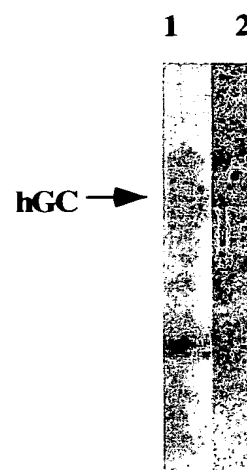


FIG. 7B

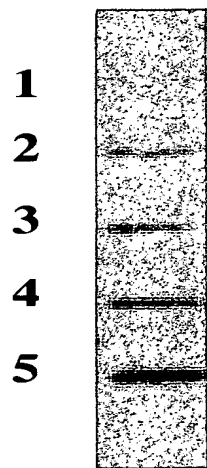


FIG. 8A



FIG. 8B



FIG. 8C



123 ATGGAGTT TTCAAGTCCT TCCAGAGAGG

151 AATGTCCCAA GCCTTTGAGT AGGTAAGCA TCATGGCTGG CAGCCTCACA

201 GGT TTGCTTC TACTTCAGGC AGTGTCGTGG GCATCAGGTG CCCGCCCTG

251 CATCCCTAAA AGCTTCGGCT ACAGCTCGGT GGTGTGTGTC TGCAATGCCA

301 CATACTGTGA CTCCTTTGAC CCCCCGACCT TTCCTGCCCT TGTACCTTC

351 AGCCGCTATG AGAGTACACG CAGTGGGCGA CGGATGGGGC TGAGTATGGG

401 GCCCATCCAG GCTAATCACA CGGGCACAGG CCTGCTACTG ACCCTGCAGC

451 CAGAACAGAA GTTCCAGAAA GTGAAGGGAT TTGGAGGGGC CATGACAGAT

501 GCTGCTGCTC TCAACATCCT TGCCCTGTCA CCCCCTGCCC AAAATTGCT

551 ACTTAAATCG TACTTCTCTG AAGAAGGAAT CGGATATAAC ATCATCCGGG

601 TACCCATGGC CAGCTGTGAC TTCTCCATCC GCACCTACAC CTATGCAGAC

651 ACCCCTGATG ATTTCCAGTT GCACAACCTC AGCCTCCCAG AGGAAGATAC

701 CAAGCTCAAG ATACCCCTGA TTCACCGAGC CCTGCAGTTG GCCCAGCGTC

FIG. 9A

751 CCGTTTCACT CCTTGCCAGC CCCTGGACAT CACCCACTTG GCTCAAGACC  
 801 AATGGAGCGG TGAATGGGA GGGTCACTC AAGGACAGC CCGAGACAT  
 851 CTACCACCAG ACCTGGGCA GATACTTGT GAAGTTCTTG GATGCCTATG  
 901 CTGAGCACAA GTTACAGTTC TGGCAGTGA CAGCTGAAA TGAGCCTTCT  
 951 GCTGGGCTGT TGAGTGGATA CCCCTTCCAG TGCCTGGGCT TCACCCCTGA  
 1001 ACATCAGCGA GACTTCATTG CCCGTGACCT AGGTCCTACC CTCGCCAACA  
 1051 GTACTCACCA CAATGTCCGC CTACTCATGC TGGATGACCA ACGCTTGCTG  
 1101 CTGCCCCACT GGGCAAAGGT GGTA CTGACA GACCCAGAAG CAGCTAAATA  
 1151 TGTTCATGGC ATTGCTGTAC ATTGTA CCT GGACTTTCTG GCTCCAGCCA  
 1201 AAGCCACCCT AGGGAGACA CACCGCCTGT TCCCCAACAC CATGCTCTTT  
 1251 GCCTCAGAGG CCTGTGTGG CTCCAAGTTC TGGGAGCAGA GTGTGCGGCT  
 1301 AGGCTCCTGG GATCAGGGA TGCAGTACAG CCACAGCATC ATCAGGAACC  
 1351 TCCTGTACCA TGTGGTCGGC TGGACCGACT GGAACCTTGC CCTGAACCCC

FIG.9B

1401 GAAGGAGGAC CCAATTGGGT GCGTAACTTT GTCGACAGTC CCATCATTTG  
1451 AGACGTCACC AGGACACGT TTTACAACA GCCCATGTTT TACCACCTTG  
1501 GCCACTTCAG CAAGTTCATT CCTGAGGGCT CCCAGAGAGT GGGGCTGGTT  
1551 GCCAGTCAGA AGAACGACCT GGACGCAGTG GCACTGATGC ATCCCGATGG  
1601 CTCCTGCTGTT GTGGTCGTGC TAAACCGCTC CTCCTAAGGAT GTGCCCTCTTA  
1651 CCATCAAGGA TCCTGCTGTG GGCTTCCTGG AGACAATCTC ACCTGGCTAC  
1701 TCCATTACACA CCTACCTGTG GCGTCGCCAG aattcggact acaaggacga  
1751 cgatgacaag tTGA

FIG.9C

1	50
MEFSSPSREE CPKPLSRVS IMAGSLTGLL LLQAVSWASG ARPCIPKSFG	
51	100
YSSVVCVCNA TYCDSFDPP TFPALGTF SR YESTRSGRRM ELSMGPIQAN	
101	150
HTGTGLLLTL QPEQKFQKV KGFGGAMTDA AALNILALSP PAQNLLLKSY	
151	200
FSEEGIGYNI IRVPMASCD FSIRTYTYAD TPDDFQLHNF SLPEEDTKLK	
201	250
IPLIHRALQL AQRPVSLLA SPWTSPTWLK TNGAVNGKGS LKGQPGDIYH	
251	300
QWARYFVKF LDAYA EHL QFWAVTAENE PSAGLLSGYP FQCLGFTPEH	
301	350
QRDFIARDLG PTLANSTHH NVRLMLDDQ RLLPHWAKV VLTDPEAAKY	
351	400
VHGI AVHWYL DFLAPAKAT LGETHRLFPN TMLFASEACV GSKFWEQSVR	
401	450
LGSWDRGMQY SHSIITNLL YHVVGWTDWN LALNPEGGPN WVRNFVDSP	
451	500
IVDVTKDTFY KQPMFYHLG HFSKFIPEG S QRVGLVASQK ND LDAVALMH	
501	550
PDGSAVVVVL NRSSKDVPL TIKDPAVGFL ETISPGYSIH TYLWRRQnsd	

ykdddk"

FIG.10

60  
 CAATACGATA TTACCGAATA TTATACTAAA TCAAAATTTA ATTTATCATA TCGAATTATT  
 120  
 AACTGATAT TTCAAAATTT AATATTTAAT ATCTACTTTC AACTATTATT ACCTAATTAT  
 180  
 CAAATGCAA ATGTATGAGT TATTTCATAA TAGCCCGAGT TCGTATCCAA ATATTTTACA  
 240  
 CTTGACCAGT CAACTTGACT ATATAAACT TTA CTTCAAA AAATTA AAAAAGAAAAG  
 300  
 TATATTATTG TAAAAGATAA TACTCCATTC AAAATATAAA ATGAAAAAAG TCCAGCGCGG  
 360  
 CAACCGGGTT CCTCTATAAA TACATTTCCT ACATCTTCTC TTCTCCTCAC ATCCCATCAC  
 420  
 TCTTCTTTTA ACAATTATAC TTGTCAATCA TCAATCCCAC AAACAACACT TTTTCTCTCC  
 471  
 TCTTTTTCCT CACCGGGCGC AGACTTACCG GTGAAATCTA GAGTAAGCAT C

FIG. 11

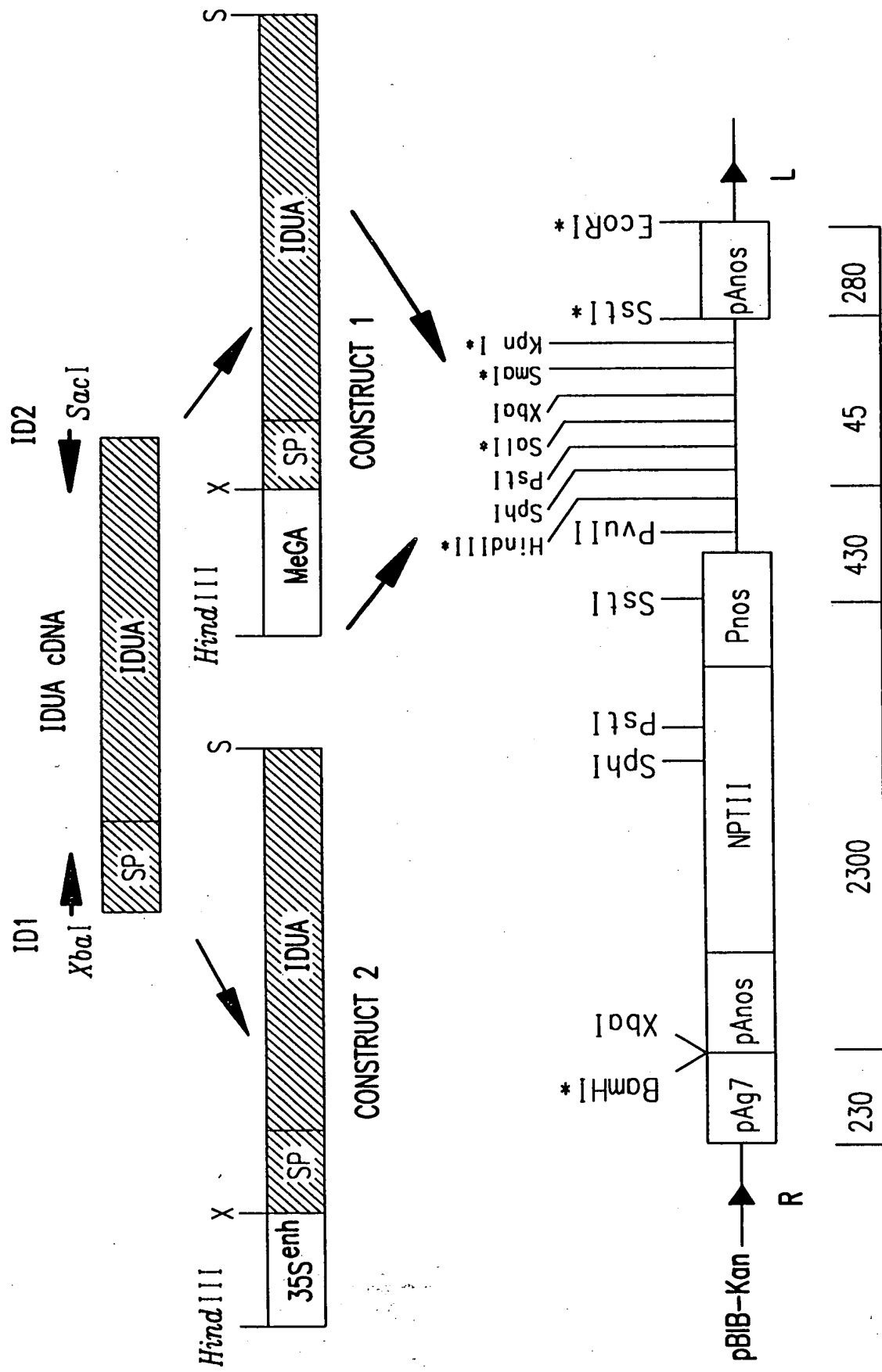


FIG.12

FIG.13A



FIG.13B



FIG.13C

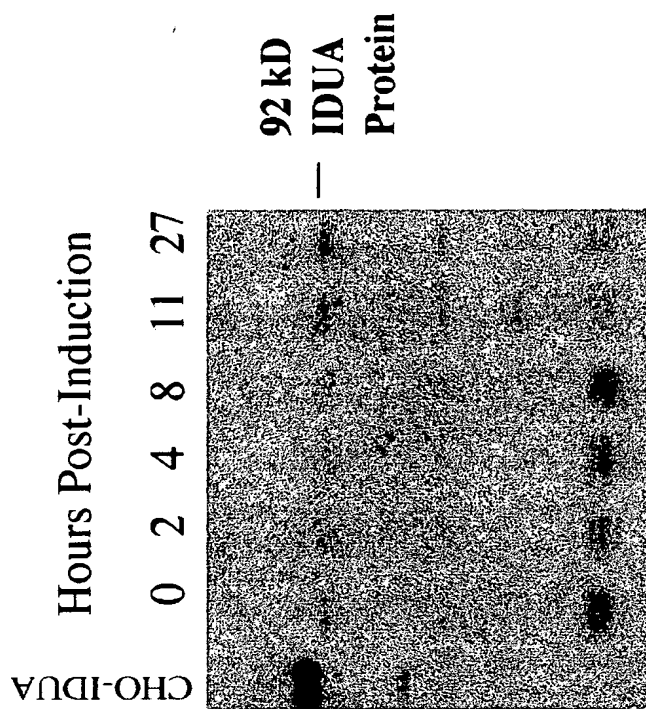


FIG.14A

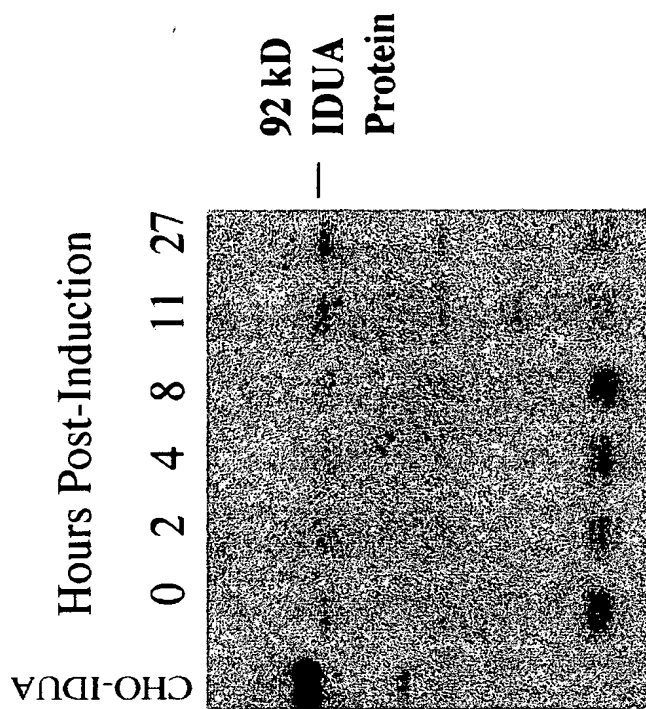


FIG.14B



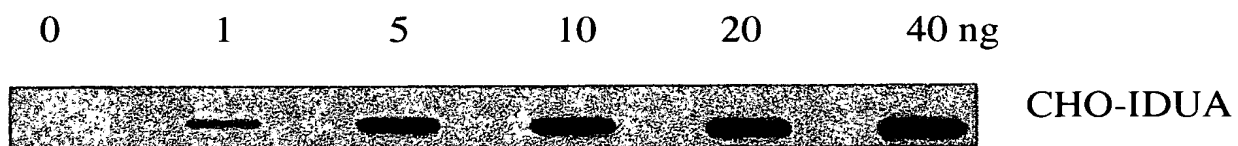


FIG.15A

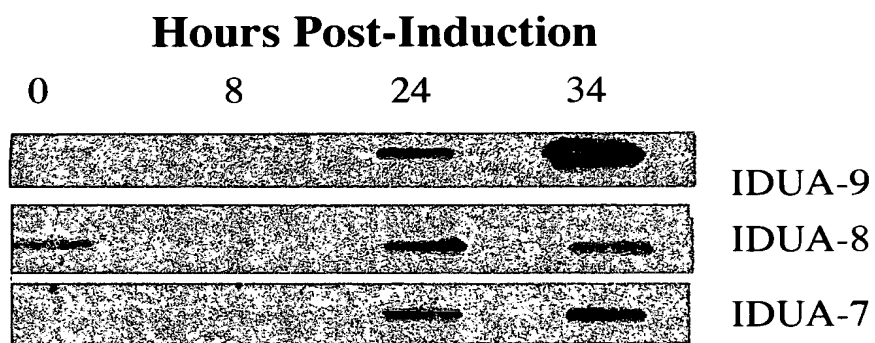
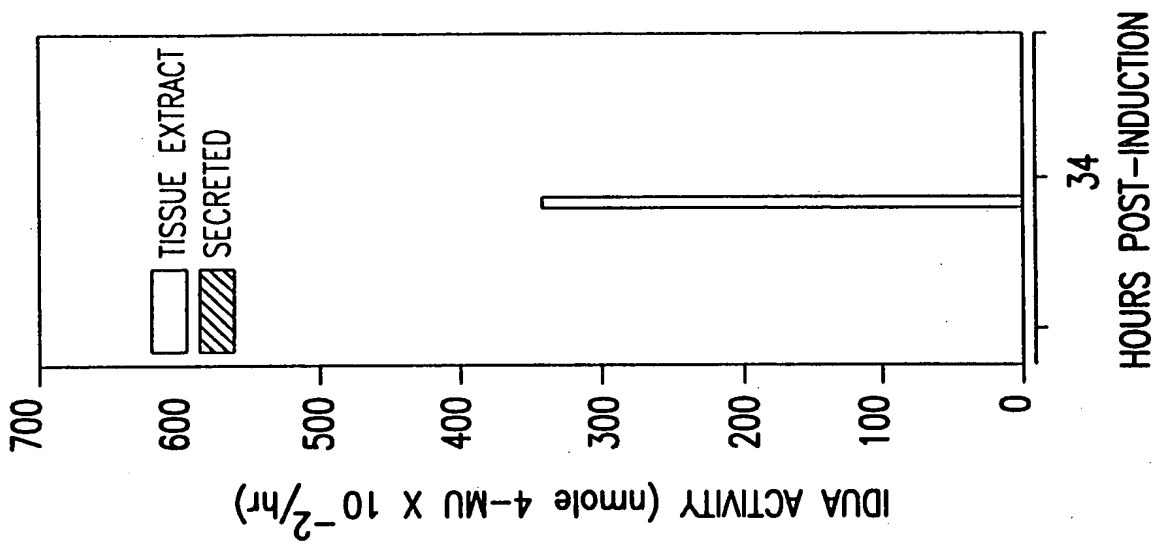
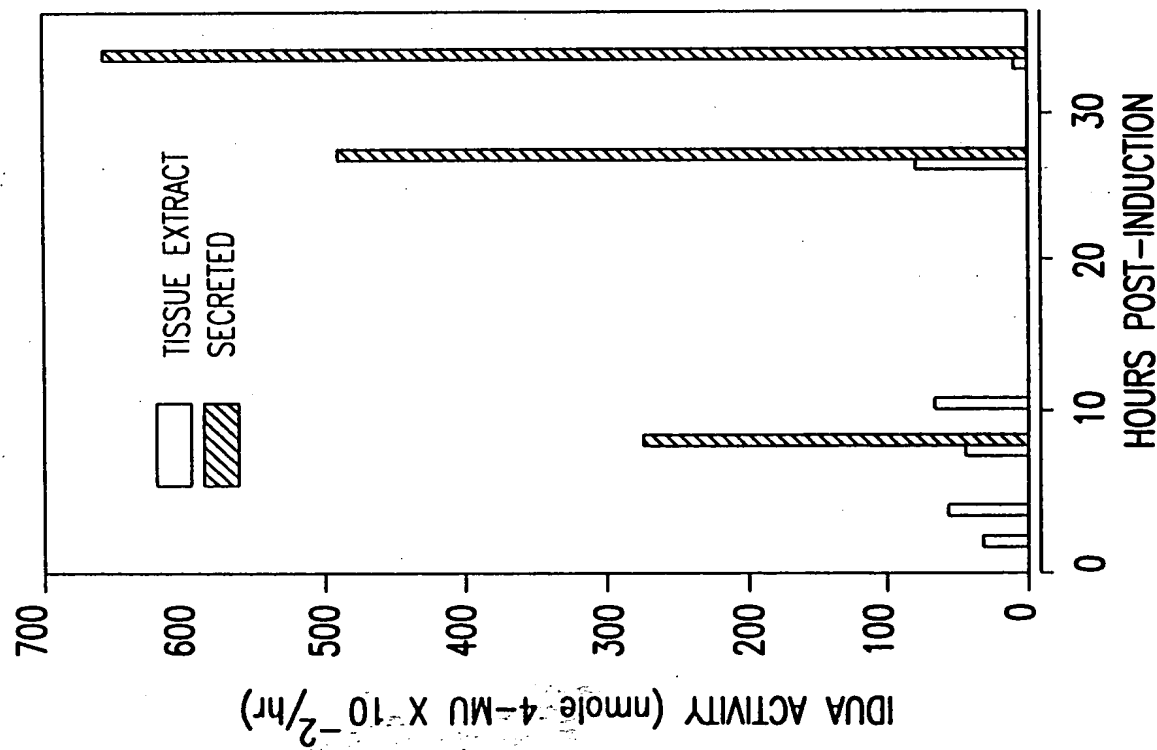
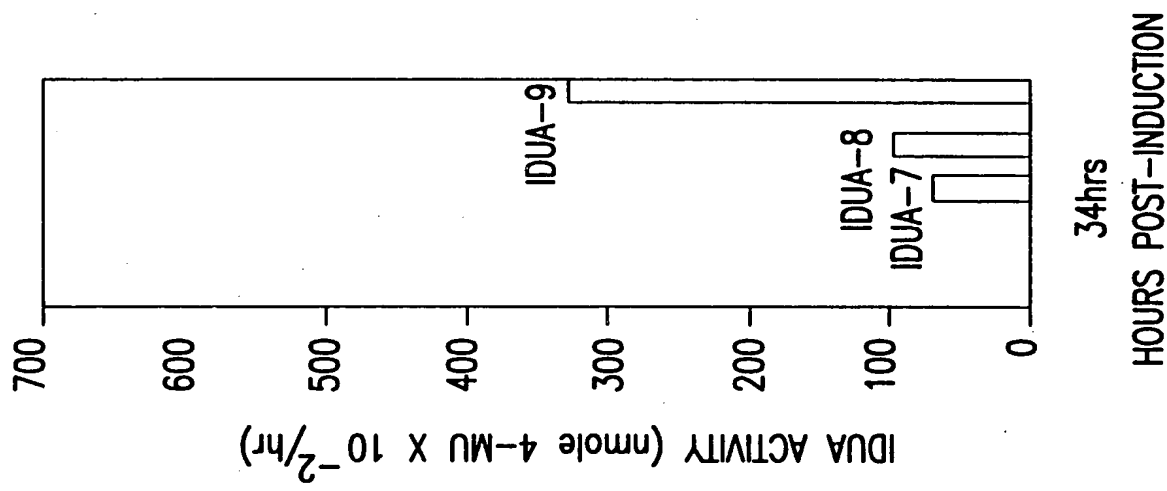
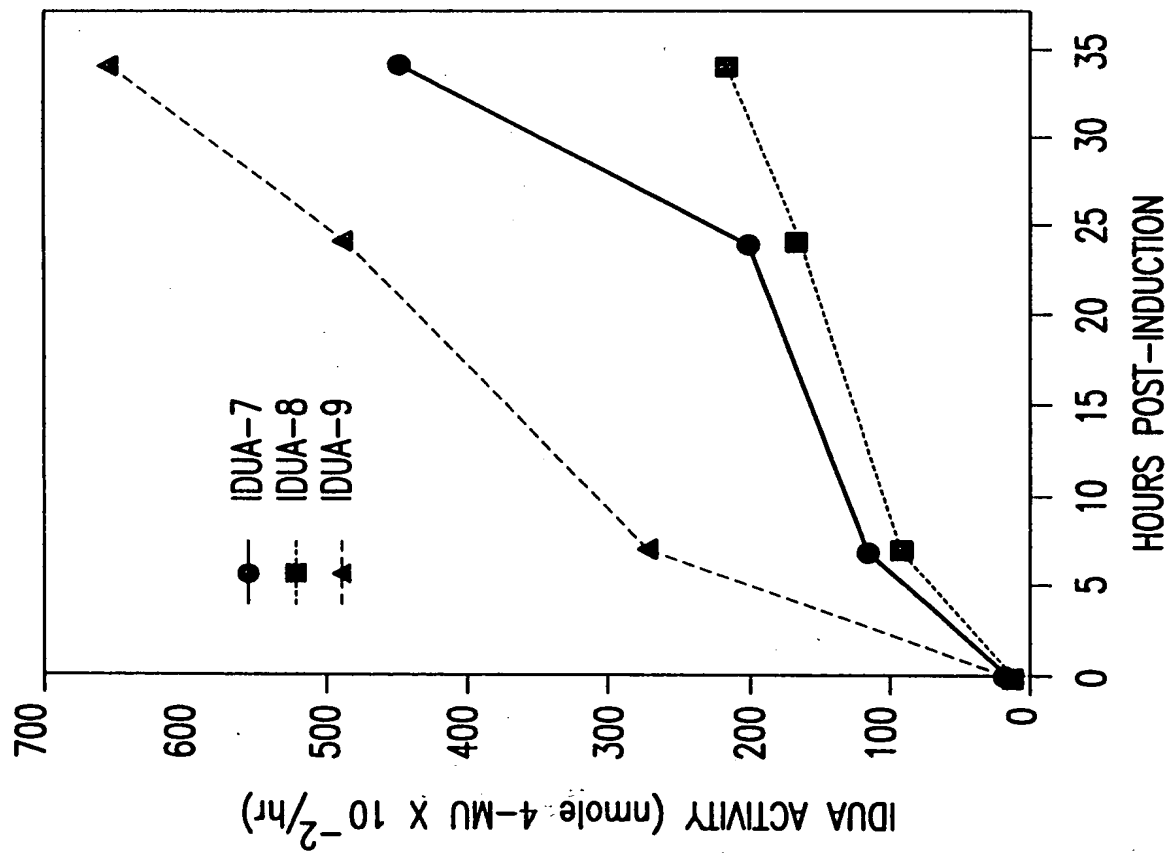


FIG.15B

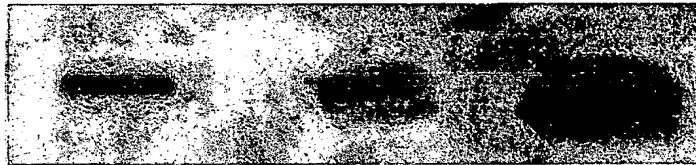




1

2

3



24

26

36

Hours Post-Induction

FIG.18

90	110
ATGCGTCCCTGCGCCCCCGCGCGCTGCT	
130	170
GGCGCTCCTGGCCTCGCTCCTGGCCGCCCGGTGGCCCCGGCCGAGCCCCGCACCT	
150	
190	230
GGTGCAgTGGACGGCGCCCGCGCTGTGGCCCCCTGCGGCGCTTCTGGAGGAGCACAGG	
210	
250	290
CTTCTGCCCCCGCTGCCACACAGCCAGGCTGACCAGTACGTCTCAGCTGGACCAGCA	
270	
310	350
GCTCAACCTCGCCCTATGTGGCGCCGTCCTCACCGCGGCATCAAGCAGGTCCGGACCCA	
330	
370	410
CTGGCTGCTGGAGCTTGTCACCACCAGGGGGTCCACTGGACGGGGCTGAGCTACAATT	
390	
430	470
CACCCACCTGGACGGTACTTGACCTTCTCAGGGAGAACCACTCTCCAGGGTTGA	

FIG.19A

490 510 530  
GCTGATGGCAGCGCCTCGGGCCACTTCACTGACTTTGAGGACAAGCAGAGTGTGTTGA

550 570 590  
GTGGAAGGACTTGGTCTCCAGCCTGGCCAGGAGATACATCGGTAGGTACGGACTGGCGCA

610 630 650  
TGTTTCCAAGTGGAACCTTCGAGACGTGGAAATGAGCCAGACCACGACTTTGACAACGT

## FIG.19B

670 690 710  
CTCCATGACCATGCAAGGCTTCCTGAATACTACTACGATGCCCTGCTCGGAGGGTCTGCGCGC

730 750 770  
CGCCAGCCCCGCCCTGCGGCTGGGAGGCCCGCGGACTCCTTCCACACCCACCGCGATC

790 810 830  
CCCGCTGAGCTGGGGCCTCCTGCGCCACTGCCACGACGGTACCAACTTCTTCACTGGGGA

850 870 890  
GGCGGGCGTGGGCTGGACTACATCTCCCTCCACAGGAAGGTGCGCGCAGCTCCATCTC

910 930 950  
CATCCTGGAGCAGGAGAAGGTCTGTGCGCAGAGATCCGGCAGCTCTTCCCCAAGTTCCG

970 990 1010  
GGACACCCCATTTACAACGACGAGGCGGACCCGCTGGTGGCTGGTCCCTGCCACAGCC

1030 1050 1070  
GTGGAGGCGGACGTGACCTACGCGGCCATGGTGTGAAGGTCAATCGCGCAGCATCAGAA

1090 1110 1130  
CCTGCTACTGGCCAACACCACTCCGCCCTTCCCCTACGGGCTCCTGAGCAACGACAATGC

1150 1170 1190  
CTTCCTGAGCTACCAACCGCACCCCTTCGCGCAGCGCACGCTCACCGCGGCTTCCAGGT

1210 1230 1250  
CAACAACACCGCGCGCGCACGTGCAGCTGTTGCGCAAGCCGGTGCTCACGGCCATGGG

FIG. 19C

1270	1290	1310
GCTGCTGGCGCTGCTGGATGAGGAGCAGCTCTGGGCCGAAAGTGTGCGAGGCCGGGACCGT		
1330	1350	1370
CCTGGACAGCAACACACGGTGGGCGTCTCTGGCCAGCGCCACCGCCCCCAGGGCCCCGGC		
1390	1410	1430
CGACGCCCTGGCGCGCGGGTGCTGATCTACGCGAGCGACACCCGCGCCACCCCAA		
1450	1470	1490
CCGCAGCGTCGCGGTGACCCCTGCGGGCTGCGCGGGGTGCCCCCCCGGGCCCTGGTCTA		
1510	1530	1550
CGTCACGGCTACCTGGACAACGGGCTCTGCAGCCCCGACGGCGAGTGGCGCGCCTGGG		
1570	1590	1610
CCGGCCCCGTCTTCCCCACGGCAGAGCAGTTCCGGCGCATGCCGCGGGCTGAGGACCCGGT		

FIG.19D



1630	1650	1670
GGCCGGCGCGCCCGCCCTTACCCGGCGCGCGCCCTGACCCCTGCGCCCGCGCTGCG		
1690	1710	1730
GCTGCCGTGCGCTTTTGCTGGTGACGTGTGTGCGCGCCCGAGAGCCCGCGGCAAGT		
1750	1770	1790
CACGGGCTCCGGCGCCCTGCCCTGACCCAGGCGAGCTGTTCTGTGCTGGTCGATGA		
1810	1830	1850
ACACGTGGGCTCCAAGTGCCCTGTGGACATACGAGATCCAGTTCTCTCAGGACGGTAAGC		
1870	1890	1910
GTACACCCCGGTCAGCAGGAAGCCATCGACCTTCAACCTCTTTGTGTTAGCCAGACAC		
1930	1950	1970
AGGTGCTGCTCTGGCTCCTACCGAGTTCGAGCCCTGGACTACTGGGCCCGACAGGCC		
1990	2010	2030
CTTCTCGGACCCCTGTGCCGTACCTGGAGGTCCCTGTGTGCCAAGAGGGCCCCCATCCCCGGG		

FIG.19E

2050 2070 2090  
CAATCCATGAGCCTGTGCTGAGCCCCCAGTGGGTTGCACCTCCACCGGCAGTCAGCGAGCT

2110 2130 2150  
GGGGCTGCACTGTGCCCCATGCTGCCCTCCCATCACCCCTTTGCAATATATTTT

FIG.19F

10	30	50
MRPLRPRAALLALLASLLAAPPVAPAEAPHLVHVDAAARALWPLRRFWRSTGFCPPLPHSQ		
70	90	110
ADQYVLSWDQQNLAYVGAVPHRGIKQVRTHWLLELVTTTRGSTGRGLSYNFTHLDGTLDL		
130	150	170
LRENQLLPGFELMGASGHFTDFEDKQQVF EWKDLVSSLARRYIGRYGLAHVSKWNFETW		
190	210	230
NEPDHDFDNVSMTMQGFNLNYDACSEGLRAASPALRLGGPGDSFHTPPRSPLSWGLLRH		
250	270	290
CHDGTNFFTGEAGVRLDYISLHRKGARSSISILEQEKVVAQEI RQLFPKFADTPIYNDEA		
310	330	350
DPLVGWSLPQPWRADVTYAAMVVKVIAHQHQLLANTTSAPFYALLSNDNAFLSYHPHPF		
370	390	410
AQRTLARFQVNNTRPPHVQLLRKPVLTAMGLLALDDEEQLWAEV SQAGTVLDSNHTVGV		

FIG.20A

430	450	470
LASAH	PQPADAWRAAVLIYASDDTRAHPNRSVAVTLRLRGVPPGPGGLVYVTRYLDNGL	
490	510	530
CSPDGEWRR	LG RPFPTAEQFRRMRAEDPVAAPRPLPAGGR	LT LRPALRPSLLLHV
550	570	590
CARPEKPPGQV	TRLRALPLTQGQLVLSDEHVGSKCLWTYEIQFSQD	GKAYTPVSRKPS
610	630	650
TENLFVFS	PD TGAVSGSYRVRALDYWARPGFSD	VPVPRGPPSPGNP

FIG.20B

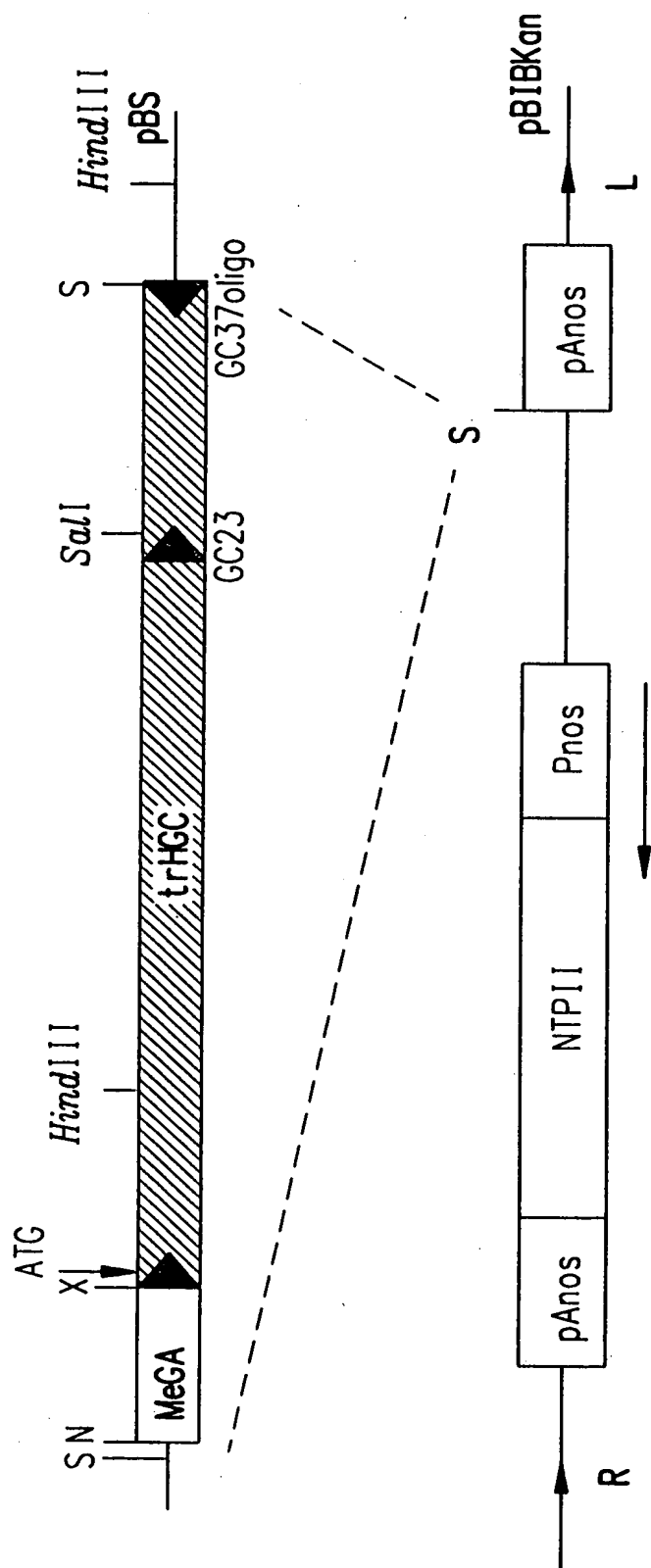


FIG.21